



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3406 FAX (603) 271-7894



November 28, 2001
Letter of Deficiency
DAM #164.05

Mr. Joe Diarenzo
Castle Springs
P.O. Box 131
Route 171
Moultonborough, NH 03254

RE: Castle in the Clouds Dam, Moultonborough

Dear Mr. Diarenzo:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on June 27, 2001 and November 6, 2001. During this inspection DES determined that the two deficiencies noted in the October 28, 1994 Letter of Deficiency (LOD) have been addressed. Please refer to the enclosed copy. In addition, the following deficiencies were observed during this visual inspection and/or file review:

1. There is no operation and maintenance plan on file with the DES;
2. There is brush covering the upstream embankment;
3. There is brush and tree growth covering the downstream embankment; and
4. There is brush growing in the emergency spillway.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

By December 1, 2001:

1. Prepare and submit to the DES a written operations and maintenance procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel. Refer to the enclosed guidelines;

By July 1, 2002:

2. Cut the brush covering the upstream embankment;
3. Cut and remove the heavy brush and trees on the downstream embankment; and
4. Cut and remove the brush from the emergency spillway

Letter of Deficiency
Dam #164.05
November 28, 2001
Pg. 2

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY 

Amy C. Clark
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13
cc: Gretchen Rule

Town of Moultonborough
Certified # 7049 3400 0001 9772 8793
ACC/was/h:/safety/wendy/lod/164-05lod.doc